

**DISA PERFORMANCE EVALUATION CHECKLIST
FOR DSCS EARTH TERMINALS**

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1. Administrative	YES	NO	N/A	Com/Def/ Item #
1.1 General				
1.1a Discuss/review all open items identified in previous Commissioning/Tech Eval/SAV and PE reports. Ref: DISAC 310-70-57, Chap 4.	_____	_____	_____	_____
1.1b Did the site receive a copy of the Performance Evaluation prior to the evaluation and is it on hand?	_____	_____	_____	_____
1.1c Is there someone identified that performs the Configuration Management for the site?	_____	_____	_____	_____
1.1d Is all equipment (i.e. DSCS, STEP, Teleport), to include racks, multiplexers, trunk and data encryption devices, patch panels, modems, and up and down converters, correctly labeled? Ref:	_____	_____	_____	_____
1.1e Does the site maintain mission folders, which includes at a minimum the SAA, GAA, COMSEC Callout Message, Network Diagram, TSO, and some form of a mission checklist? (Use applicable documents for DSCS, STEP, Teleport)	_____	_____	_____	_____
1.1f Does the site have a pre-mission setup plan, a mission preparation procedure, and a mission breakdown procedure in place?	_____	_____	_____	_____
1.1g Does the site maintain and post a monthly work schedule that meets minimum manning requirements, and IAW the TDA/MTOE?	_____	_____	_____	_____
1.1h Do site personnel know the DISA website to monitor SAAs, GAAs, and ASIs?	_____	_____	_____	_____
1.1i Does the site have personnel responsible/assigned for the following positions:				
Site OIC/Facility Manager or equivalent	_____	_____	_____	_____
Site NCOIC or equivalent	_____	_____	_____	_____
Operations Manager or equivalent	_____	_____	_____	_____
Maintenance NCO	_____	_____	_____	_____
Logistics NCO	_____	_____	_____	_____
Training	_____	_____	_____	_____
Shift Supervisors	_____	_____	_____	_____
STEP Manager/Planner/Operations	_____	_____	_____	_____
Teleport Manager/Planner/Operations	_____	_____	_____	_____
Circuit Actions	_____	_____	_____	_____
1.2 Reports				
1.2a Are all current SATSTAs/DEFSTAs maintained on site and readily available to the operations and maintenance personnel? Ref: DISAC 800-70-1, Chap 11.2.6. and Applicable Theater Ref's.	_____	_____	_____	_____
1.2b Is a log listing the date the SATSTA/DEFSTA was received and the disposition for those no longer required maintained on site? Ref: DISAC 800-70-1, Chap 11.2.6. and Applicable Theater Ref's.	_____	_____	_____	_____
1.2c Are SATSTAs/DEFSTAs reviewed semiannually by all assigned personnel and is the review annotated? Ref: DISAC 800-70-1, and Applicable Theater Ref's.	_____	_____	_____	_____

1.2d Are SATCOM equipment reports (SERs) accurate and submitted in the proper format?

Ref: DISAC 270-A85-1, Para E5/E6, and Applicable Theater Ref's. _____

1.2e Are SERs being submitted for all equipment failures, equipment configuration changes, and shutdown and subsequent startup of system for reasons other than equipment failure?

Ref: DISAC 270-A85-1, Para E4, and Applicable Theater Ref's. _____

1.2f Are Quarterly SER status reports (Monthly TWT not required IAW DOT DIR) being submitted?

Ref: DISAC 270-A85-1, Para E4.7, and Applicable Theater Ref's. _____

1.2g Are SERs being maintained on file for one year?

Ref: DISAC 270-A85-1, Para E7, and Applicable Theater Ref's. _____

1.2h Are proper procedures being followed when declaring and closing a HAZCON?

Ref: DISAC 310-55-1, DISAC 270-A85-1E1, and Applicable Theater Ref's. _____

1.2i Are specific equipment failures outlined in DISAC 310-55-1 declared as a HAZCON (Compare inoperative equipment against HAZCONS)?

Ref: DISAC 800-70-1, and Applicable Theater Ref's. _____

1.2j Are AARs submitted in a timely manner, and to the correct agencies?

Ref: ASC1 CH6.1. _____

1.2k Do the AARs accurately reflect what happened during a DSCS, STEP, and/or Teleport mission?

Ref: ASC-1, CH6.1. _____

1.3 Standard Operating Procedures (SOP) / Operating Instructions (OI)

1.3a Are SOPs readily accessible to the operations and maintenance personnel?

Ref: DISAC 800-70-1, and Applicable Theater Ref's. _____

1.3b Are the SOPs reviewed semiannually by all assigned personnel and is the review annotated?

Ref: DISAC 800-70-1, and Applicable Theater Ref's. _____

Are SOPs established for the below required areas?

1.3c Exercising emergency operation of auxiliary power systems IAW DISAC 350-195-2.

Ref: DISAC 800-70-1, Chap, and Applicable Theater Ref's. _____

1.3d Maintenance procedures to include control of maintenance, preventive maintenance, and if applicable, emergency maintenance team contact procedures.

Ref: DISAC 800-70-1, and Applicable Theater Ref's. _____

1.3e Maintaining master Station Logs (MSL) IAW guidance and procedures contained in DISAC 310-70-1.

Ref: DISAC 800-70-1, and Applicable Theater Ref's. _____

1.3f Opening and closing HAZCONs and what constitutes HAZCONs, and reporting HAZCONs IAW DISAC 310-55-1.

Ref: DISAC 800-70-1, and Applicable Theater Ref's. _____

1.3g Operations to include eight hour reports and severe weather operations.

Ref: DISAC 800-70-1, and Applicable Theater Ref's.

1.3h Supply procedures IAW service regulations.

Ref: DISAC 800-70-1, and Applicable Theater Ref's.

1.3i Reporting unauthorized carriers and jamming.

Ref: DISAC 800-70-1, and Applicable Theater Ref's.

1.3j Safety IAW service regulations, to include CPR, First Aid, Fire, Noise and Radiation Hazards, Antenna Climbing, Battery Rooms, and Working with High Voltage.

Ref: DISAC 800-70-1, TM 11-5895-1196-13-1, Chap 1-30, and Applicable Theater Ref's.

1.3k Procedures for acquiring and tracking the satellite if auto-tracking capability is lost.

Ref: DISAC 800-70-1, and Applicable Theater Ref's.

1.3l Does the site emergency plan include methods for secure storage, procedures for the evacuation, and if necessary, destruction of the material?

1.3m Emergency Destruction Procedures and COMSEC Safeguarding?

1.3n Respond to a Terrorist Threat?

Are SOPs established for the below areas?

1.3o Training

Physical Security

COMSEC

OPSEC

ISSP

Personnel Security

Industrial Security

TMDE

ASI

Pubs

Does the SOP/OI

1.3p Accurately detail circuit installation and activation?

1.3q Detail labeling and marking of circuit patching and equipment?

1.3r Cover sequence of mission priority and detail procedures to quickly restore communications?

1.3s Provide phone numbers for the TNC, RSSCs, WSOCs, and Conex Sections?

1.3t Contain a method and information for the 8 hour reports and how to send it to the correct control element?

1.3u Detail inclement weather operations?

1.3v Have a hierarchy to resolve problems?

1.3w Detail mission set up and testing at least 72 hours in advance. (time and mission operational tempo permitting)?

1.3x Detail, upon mission completion, that equipment and patch panels be returned to a state of readiness for the next mission? _____				
1.3y Address mission planning and coordination procedures? _____				
1.4 Master Station Logs (MSL)				
1.4a Is a MSL, DD Form 1753, or equivalent, being maintained for each RAYDAY? Ref: DISAC 800-70-1, Chap 11.1.2.5. / DISAC 310-70-1, C9.3.5. _____				
1.4b Are MSLs maintained in a monthly active file and then retained for one year on site? Ref: DISAC 800-70-1, Chap 11.1.2.5. / DISAC 310-70-1, C9.3.5. _____				
1.4c Are all significant site events and events during DSCS, STEP, and/or Teleport missions annotated on/in the MSL in clear language and detailed enough to understand the event? Ref: DISAC 800-70-1, Chap 11.1.2.5. / DISAC 310-70-1, C9.3.5. _____				
1.4d Do MSL entries correlate across other reporting tools? (i.e. SER's, HAZCON's, Circuit Action Folders) _____				
2. Reference Library	YES	NO	N/A	Com/Def/Item #
2a Are appropriate logistic support plans (LSPs) (AN/FSC-78, AN/FSC-78B, AN/GSC-39, AN/GSC-39B, AN/GSC-49, AN/GSC-52, AN/SCT-20, DCSS, and DFCS) available and being used to procure necessary support? Ref: Applicable Theater Ref's. _____				
2b Are required and up to date technical manuals (TM) on hand to support all installed equipment and TMDE? Ref: Applicable LSP and TM / DISAC 800-70-1, Chap 11. _____				
2c Are changes on hand and are they properly posted? _____				
2d Are current issues of DISA publications on hand and readily available to the operations and maintenance personnel, and are site personnel able to locate required DISA publications? Ref: DISAC 800-70-1. _____				
2e AN/GSC-52 Terminals: Are all logistic and technical bulletins on hand and are all maintenance personnel familiar with their content? Ref: Applicable LSP and TM, and Applicable Theater Ref's. _____				
2f Are publications organized and is there an accurate index? Ref: O&M regulation/Guidance. _____				
2g Are required publications available to the operations and maintenance personnel, and are site personnel able to locate required publications? Ref: DISAC 800-70-1 _____				
Also refer to Required Publications Checksheet				

3. Maintenance	YES	NO	N/A	Com/Def/ Item #
3.1 General Maintenance				
3.1a Is a master list of all scheduled maintenance tasks available at the facility? Ref: DISAC 800-70-1, Chap 11.	_____	_____	_____	_____
3.1b Is all equipment covered and are procedures established for the accomplishment of the scheduled maintenance? Ref: DISAC 800-70-1, Chap 11.	_____	_____	_____	_____
3.1c Are Dailies Quality assured by non-shift personnel?	_____	_____	_____	_____
3.1d Are normal daily station meter reading procedures being followed, and are daily meter readings being recorded on a work sheet with a minimum of seven days of readings on the work sheet to allow recognition of trends? Ref: DISAC 800-70-1, Chap 11.2.1.3.2. AN/GSC-52 TM 11-5895-1196-13-4, Chap 3, Section III	_____	_____	_____	_____
3.1e Are supervisory personnel reviewing the daily meter readings and are they kept on file for a minimum of three months? Ref: DISAC 800-70-1, Chap 11.2.1.3.2.	_____	_____	_____	_____
3.1f Is the facility clean and is the sub-floor being cleaned semi-annually. Is the semi-annually cleaning listed on the master list? Ref:	_____	_____	_____	_____
3.1g Are adequate tools immediately available and in proper working condition to accomplish terminal repair? Ref: Applicable LSP.	_____	_____	_____	_____
3.1h Is corrective maintenance being performed in a timely manner and is it adequately documented? Ref: O&M regulation/Guidance	_____	_____	_____	_____
3.1i Are fill batteries in all COMSEC loader and KIV-19/19A, KIV-7/7HS/HAS/HSB/M, KG-84, KG-81/94/194, KY-57/99/99A, AKDC and DSVT checked IAW MILDEP technical service manuals/orders? Ref: Applicable TM	_____	_____	_____	_____
3.1j Upon repair of major terminal components, is a 24 hour operational "burn-in"/stability test being performed? Ref: DISAC 800-70-1, Chap 11.2.1.8.	_____	_____	_____	_____
Is daily PMCS being conducted on the following equipment?				
3.1k Are lights, switches, and indicators functional?	_____	_____	_____	_____
3.1l Are Rack blower fans turned on?	_____	_____	_____	_____
3.1m Is equipment serviceable?	_____	_____	_____	_____
3.1n Are all covers on equipment and screwed down?	_____	_____	_____	_____
3.1o Is all equipment mounted to the racks?	_____	_____	_____	_____
3.1p Are all screws, etc., in place (check work orders)?	_____	_____	_____	_____
3.1q Is all equipment with external/exposed cabling working correctly?	_____	_____	_____	_____

3.2 Modems

3.2a Are all off-line MODEMs performance tested (Characterized) every twelve months?

Ref: DISAC 800-70-1, Chap 11.2.1.7. / SATSTA

3.2b Are off-line MODEM characterizations complete to include IF to IF, RF to RF, and 24 hour stability testing?

Ref: DISAC 800-70-1 / SATSTA

3.2c Are all off-line MODEMs characterized for all trunks for which they are identified as spares?

Ref: DISAC 800-70-1 / SATSTA

3.2d Are the results of the off-line MODEM performance test retained in station files until the next successful test is performed?

Ref: DISAC 800-70-1 / SATSTA

3.2e Are the results of the on-line MODEM performance test properly documented (to include IF to IF, RF to RF, 24 hour stability testing and over the satellite), graphed and retained in station files with the TSO establishing the trunk?

Ref: DISAC 800-70-1, Chap 11.1.5 and Chap 15.

3.2f Do site personnel conduct MODEM characterizations IAW procedures outlined in DOTDIR 005-05?

Ref: DOTDIR 005-05.

3.2g Are site personnel proficient in performing the MODEM characterizations?

3.2h Do the test results meet the standards?

3.2i Are corrective actions taken if the test fails?

3.3 Upconverter / Downconverter / LNA / IFLA

3.3a Are frequency and gain tests (Sweeps) conducted on all active amplifying devices (frequency converters, transmitters, LNAs, IPAs, IFLAs, etc) every six months or after any repair that may affect equipment response?

Ref: DISAC 800-70-1, Chap 11.2.1.7.

3.3b Do sweeps include all required tests to include gain compression, gain, phase, output spurious noise, frequency response and meter calibrations?

Ref: Applicable Theater Ref's.

3.3c Are corrective actions being taken in a timely manner for out-of-tolerance conditions discovered during the frequency and gain tests, and are they adequately documented?

Ref: Applicable LSP / TM.

3.3d Are the test results within specifications?

3.3e Have site personnel performed frequency response and gain tests for each piece of equipment separately and cascaded?

Ref: TM 11-5895-1580-13 / Satcom test set TS-4466/U / AN/GSC-52 TM 11-5895-1196-13-4, Chap 4 / AN/FSC-78 and AN/GSC-39B TM 11-5985-1557-30-1 / DISAC 800-70-1, Chap 11.

3.4 TMDE				
3.4a Is adequate TMDE immediately available and in proper working condition to accomplish terminal monitoring, testing, and repair? Ref: DISAC 800-70-1, Chap 11.1.6.	_____	_____	_____	_____
3.4b Does the facility have a calibration schedule listing for all on hand TMDE? Ref: O&M Regulation/Guidance	_____	_____	_____	_____
3.4c Is all TMDE calibrated per this schedule and correctly tagged? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
3.4d Is timely follow-up action being taken for TMDE out for extended calibration or repair? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
3.4e Is on hand TMDE properly stored, protected, and organized? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
3.4f Is there a calibration procedure in place for on-line TMDE and/or TMDE that will be off site for an extended period of time?	_____	_____	_____	_____
4. Supply / Logistics	YES	NO	N/A	Com/Def/ Item #
4a Are there sufficient repair parts? Ref: O&M Regulation/Guidance/LSP/JTA.	_____	_____	_____	_____
4b Are timely follow-up actions being taken on back orders and due-in supply items? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
4c Are mandatory spare parts on-hand and authorized in the quantities specified per system? Ref: Joint Transfer Agreement (JTA).	_____	_____	_____	_____
4d Are spare parts labeled, protected, and stored in an organized manner? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
4e Is the current JTA/JILSP/JSSP/TAR on hand?	_____	_____	_____	_____
5. Training	YES	NO	N/A	Com/Def/ Item #
5a Is there a technical training program that covers all installed equipment and provides detailed individual certification? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
5b Are training records available for all assigned personnel and does task evaluations reinforce adequate training? Ref: O&M Regulation/Guidance.	_____	_____	_____	_____
5c If satellite station personnel are required to operate auxiliary power systems, is training performed and documented? Ref: DISAC 800-70-1.	_____	_____	_____	_____

5d Do training areas cover?				
Site Operations?	_____	_____	_____	_____
Site Equipment?	_____	_____	_____	_____
Site Certification?	_____	_____	_____	_____
Site Equipment Maintenance?	_____	_____	_____	_____
Patching?	_____	_____	_____	_____
Loading Crypto devices?	_____	_____	_____	_____
6. Operations	YES	NO	N/A	Com/Def/ Item #
6a Is the Terrestrial Critical Control circuit (TCCC) operational and are proper operational procedures adhered to? Ref: DISAC 800-70-1, Chap 11.2.1.2.	_____	_____	_____	_____
6b Is a minimum of 30 days of message traffic from the TCCC retained on site? Ref: DISAC 800-70-1.	_____	_____	_____	_____
6c Are 8-hour earth terminal reports submitted and are they in the proper format? Ref: DISAC 800-70-1, Chap 11.	_____	_____	_____	_____
6d Is the information for the 8-hour earth terminal reports being collected properly? Ref: DISAC 800-70-1, Chap 11.	_____	_____	_____	_____
6e Are proper procedures being followed when requesting authorized outages (AO) / Authorized Service Interruptions (ASI), and does the site submit the proper request format, to include an Annual ASI and Emergency ASI? Ref: DISAC 800-70-1, Chap 11.1.10.	_____	_____	_____	_____
6f Do power readings on the Earth Terminal Processor match readings taken from DFCS? Ref: DISAC 800-70-1 / SATSTA	_____	_____	_____	_____
6g Are the DFCS down-link gains being calibrated weekly with the WSOC? Ref: DISAC 800-70-1, Chap 11.2.1.9.	_____	_____	_____	_____
6h Are the uplink power and down-link gain levels within acceptable limits? Ref: DISAC 800-70-1, Chap 11.2.1.9.	_____	_____	_____	_____
6i Does the site have system diagrams, mux charts, and MODEM cut sheets readily accessible to floor personnel?	_____	_____	_____	_____
6j Have local operating procedures been developed in sufficient detail to cover all inclement weather? Ref: DISAC 800-70-1.	_____	_____	_____	_____
6k Are quarterly azimuth and elevation readings being recorded	_____	_____	_____	_____

every 30 minutes for a 72-hour period? Ref: DISAC 800-70-1.	_____	_____	_____	_____
6l Are operating parameters to include nominal receive C/KT for each link and trunk, nominal beacon C/KT, and characterization data (S/N, AGC, Eb/No, and KY-801 channel and/or pseudo errors) readily available to site personnel? Ref: DISAC 800-70-1.	_____	_____	_____	_____
6m Are trunk C/KT, Eb/No, Pseudo(*) being compared daily to baseline characterization data to determine satisfactory performance of each link and trunk? (* applies to specific equipment). Ref: DISAC 800-70-1.	_____	_____	_____	_____
6n Is equipment configuration incorporated into local procedures and readily available to site personnel for MODEM configurations, up/down converter frequencies with trunk identification (A code) and distant end station, and UCIC attenuation or local attenuator settings for each converter? Ref: DISAC 800-70-1.	_____	_____	_____	_____
6o Are configuration data sheets for installed multiplexing equipment readily available to operations and maintenance personnel? Ref: DISAC 800-70-1, Chap 11.	_____	_____	_____	_____
6p Are alarm monitoring panels enabled and functioning properly and do site personnel take the required action when an alarm is detected? Ref: DISAC 800-70-1, Chap 11.	_____	_____	_____	_____
6q Are all known satellite locations annotated for each terminal?	_____	_____	_____	_____
6r Are all classified messages marked correctly IAW TB 380-5?	_____	_____	_____	_____
6s Does the site have all keymat necessary to perform its mission?	_____	_____	_____	_____
6t Are correct OTAR/OTAT procedures being followed?	_____	_____	_____	_____
6u Do site personnel provide sufficient lead time to customers prior to monthly HJ?	_____	_____	_____	_____
7. Antenna	YES	NO	N/A	Com/Def/ Item #
Ref: AN/GSC-52 TM 11-5895-1196-13-4, Chap 4, AN/FSC-78 and AN/GSC-39B TM 11-5895-1557-30-1				
7a Are tools and scaffold on hand and in good repair?	_____	_____	_____	_____
7b Is preventive maintenance being performed on the antenna?	_____	_____	_____	_____
7c Are the wave-guide troughs and cables clean and free of debris, and does the sump pump function properly?	_____	_____	_____	_____
7d Is the antenna free of corrosion?	_____	_____	_____	_____
7e Are the antenna/radome aircraft red warning lights operational?	_____	_____	_____	_____
7f Is the antenna/radome lightning protection system installed properly and in good condition?	_____	_____	_____	_____

7g Is the internal radome temperature less than 85 degrees (F)?	_____	_____	_____	_____
7h Is the radome structure and skin in good condition?	_____	_____	_____	_____
7i Do the servo's drive motors and yoke assembly have excessive noise or chatter? (para 4-49)	_____	_____	_____	_____
7j Are pedestal base power and signal distribution boxes IAW para 4-28 and 4-29?	_____	_____	_____	_____
7k Does the antenna telephone system work properly? (para 4-30)	_____	_____	_____	_____
7l Are the dehydrators working properly? (para 4-31)	_____	_____	_____	_____
7m Is the pressurization panel in good condition, are readings within specifications? (para 4-43)	_____	_____	_____	_____
7n Are the power OPR/DSBL and ANT OPR/AMT Safe switches easily accessible, unobstructed? (para 4-33)	_____	_____	_____	_____
7o Is the chain hoist in good operating condition? (para 4-51)	_____	_____	_____	_____
7p Are the platform lights operational? (para 4-5)	_____	_____	_____	_____
7q Check feed assembly (scanner, pressurization panel, comparator, feed horn, and sub-reflector. (para 4-40, 4-41, and 4-42)	_____	_____	_____	_____
7r Check non-critical and critical surge suppressors. (para 4-36)	_____	_____	_____	_____
7s Check antenna fire alarm. (para 4-37)	_____	_____	_____	_____
7t Check heater for proper operation. (para 2-28)	_____	_____	_____	_____
8. Safety	YES	NO	N/A	Com/Def/ Item #
8a Are all personnel CPR certified within three months of arrival, and annually after that? Ref: OSHA 1910.269(b)(1).	_____	_____	_____	_____
8b Is there a procedure and/or plan to schedule and perform CPR certification?	_____	_____	_____	_____
8c Are first aid kits maintained, readily available, and inspected at least once a year? Ref: OSHA 1910.269(b)(1).	_____	_____	_____	_____
8d Are site personnel trained and familiar with safety practices, procedures, and other related safety areas? Ref: OSHA 1910.269(a)(2).	_____	_____	_____	_____
8e Are Safety Boards on site and easily accessible (i.e. EER, Antenna Base, TX Room, ETC.)?	_____	_____	_____	_____
8f Are evacuation routes clearly defined and visible?	_____	_____	_____	_____
8g Does the site have and maintain an Automatic External Defibrillator	_____	_____	_____	_____
8h Are site personnel trained?	_____	_____	_____	_____

9. Performance Measures	YES	NO	N/A	Com/Def/ Item #
9.1 Antenna Tracking (Ref: IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52) (THESE ITEMS should only be performed during an offline antenna or an approved site ASI) Note: Prior to conducting memory tracking testing, verify that the antenna tracking system operated satisfactorily during the past 24 hours before switching to memory tracking. Ensure that the memory track recording command in the antenna system configuration menu is in the "Record" mode. Review the recorded tracking data coordinates to insure the recorded values are valid for the previous 24 hours.				
9.1a Have site personnel switch to Memory track for one hour. Did the Antenna tracking hold the signal? <i>Note: Return to auto-track.</i> Note: This action may affect terminal performance depending upon the autotracking equipment performance. Do not attempt this test if there is a known antenna tracking issue.	_____	_____	_____	_____
9.1b Manually track off the main beam by 3 dB and switch to memory track. Did the dish reacquire the peak beam signal? Repeat for all four directions. <i>Note: Wait for the antenna to stabilize then switch back to auto-track.</i>	_____	_____	_____	_____
9.1c Were there any signal peaks off the established beacon that would indicate that the dish was being tracked on a side lobe?	_____	_____	_____	_____
9.1d Can station personnel perform the antenna hand crank procedures, and are the proper tools available?	_____	_____	_____	_____
9.1e Were site personnel successful in keeping the antenna on the peak signal?	_____	_____	_____	_____
9.2 Power Meter Calibration and Readings (Ref: IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52, DISAC 800-70-1, chap 11.3.13.1)				
9.2a Are power level readings on transmitter #1, #2, #3, and #4 output signals equal?	_____	_____	_____	_____
9.2b Are console power level readings for transmitter #1, #2, #3, and #4 the same at the transmitters?	_____	_____	_____	_____
9.2c Switch HPA's, did they switch properly and the power equalize?	_____	_____	_____	_____
9.3 Frequency Generation Equipment(Ref:IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52)				
9.3a Have site personnel conduct a check of the Portable Real-Time Clock (PRTC) "Master Timing System" outputs of 1 PPS, 1 MHZ, and 5 MHZ. Ref: Sect. 10-75	_____	_____	_____	_____
9.3b Are all signals stable?	_____	_____	_____	_____
9.3c Check the Electronic Switch Module for proper operation.	_____	_____	_____	_____
9.3d Check the disciplined Time/Frequency (DTF) oscillator.	_____	_____	_____	_____
9.3e Check the 1 MHZ distribution amplifier for faults.	_____	_____	_____	_____
9.3f Check the 5 MHZ distribution amplifier for faults.	_____	_____	_____	_____
9.3g Check the Frequency subsystem controller (FSC) for proper operation.	_____	_____	_____	_____

<p>9.3h Check the redundant +24V power supplies. Ref: Sect. 10-74</p>	_____	_____	_____	_____
<p>9.3i Check back-up battery. Output voltage 24V DC, 8 hour capacity (both units). Ref: Sect. 10-77</p>	_____	_____	_____	_____
<p>9.3j Are personnel proficient in conducting maintenance checks?</p>	_____	_____	_____	_____
<p>9.4 Operational Capability of Off-Line HPAs (Ref: IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52)</p> <p>NOTE: Run off-line HPA into dummy load.</p>				
<p>9.4a Check reflected power readings.</p>	_____	_____	_____	_____
<p>9.4b Verify HPA power on console matches power at HPA.</p>	_____	_____	_____	_____
<p>9.4c Perform power supply function test.</p>	_____	_____	_____	_____
<p>9.4d Monitor Control and Monitor Assembly panel function test to observe for any anomalies.</p>	_____	_____	_____	_____
<p>9.4e Have site personnel conduct a HPA sweep IAW automated test Procedures outlined in the Automate Test System automated procedures. Compare sweep with previous sweeps to observe any trends.</p>	_____	_____	_____	_____
<p>9.4f Are personnel proficient in performing the test?</p>	_____	_____	_____	_____
<p>9.5 UC / DC Sweeps (Ref: IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52)</p>				
<p>9.5a Have site personnel conduct a UC / DC sweep IAW automated test procedures outlined in the Automate Test System automated procedures. Compare results with previous sweeps to see if there are any trends in the performance.</p>	_____	_____	_____	_____
<p>9.5b Are personnel proficient in performing the test?</p>	_____	_____	_____	_____
<p>9.5c Did the test results meet standards?</p>	_____	_____	_____	_____
<p>9.5d Are corrective actions taken if the test fails?</p>	_____	_____	_____	_____
<p>9.5e Check automatic switching system of the UC and DC by introducing a fault on an unused on-line unit. Did the spare assume the on-line condition?</p>	_____	_____	_____	_____
<p>9.5f Check DC IF output level and check UC for spurious signals.</p>	_____	_____	_____	_____
<p>9.5g From console, increase and decrease UC output power by 2dB, does power return to normal?</p>	_____	_____	_____	_____
<p>9.6 LNA Sweeps (Ref: IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52)</p>				
<p>9.6a Have site personnel performed Frequency Response and Gain tests for each LNA separately?</p>	_____	_____	_____	_____
<p>9.6b Compare results with previous tests to see if there are any trends in the performance.</p>	_____	_____	_____	_____

<p>9.6c Are personnel proficient in performing the test? _____</p> <p>9.6d Do the test results meet standards and within specifications? _____</p> <p>9.6e Are corrective actions taken if the test fails? _____</p>	<p>_____</p> <p>_____</p> <p>_____</p>
<p>9.7 IFLA Sweeps (Ref: IETM for the AN/FSC-78, AN/GSC-39, and AN/GSC-52)</p>	
<p>9.7a Have site personnel performed Frequency Response and Gain tests for each IFLA separately? _____</p> <p>9.7b Compare results with previous tests to see if there are any trends in the performance. _____</p> <p>9.7c Are personnel proficient in performing the test? _____</p> <p>9.7d Do the test results meet standards and within specifications? _____</p> <p>9.7e Are corrective actions taken if the test fails? _____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>9.8 Modem Characterizations</p>	
<p>9.8a Have site personnel conduct a MODEM Characterization IAW characterization procedures outlined in DOTDIR 010-01, DTG 181452AZ July 01 and DISAC 800-70-1, Chap. 11 _____</p> <p>9.8b Compare results with previous characterizations to see if there are any trends in the performance. _____</p> <p>9.8c Are personnel proficient in performing the test? _____</p> <p>9.8d Do the test results meet standards? _____</p> <p>9.8e Are corrective actions taken if the test fails? _____</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>10. Remarks</p>	
<p>1. Station Leadership:</p> <p>OIC / Technical Director: _____</p> <p>NCOIC / Site Manager: _____</p> <p>Alt Site Manager: _____</p> <p>Maintenance: _____</p> <p>Operations: _____</p> <p>GMF Coordinator: _____</p>	<p style="text-align: center;">Print</p> <p style="text-align: center;">Sign</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>2. The following personnel demonstrated exceptional knowledge and assistance during the evaluation:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	

<p>3. Deficiencies (Operational impact to the GIG, Assistance may be required, Tracked by DISA): (Report corrective action to DISA):</p> <p>a.</p> <p>b.</p> <p>c.</p> <p>d.</p> <p>e.</p> <p>f.</p> <p>g.</p> <p>h.</p>
<p>4. Items (May lead to GIG degradation, Site has ability to correct, tracked by DISA): (Report corrective action to DISA):</p> <p>a.</p> <p>b.</p> <p>c.</p> <p>d.</p> <p>e.</p> <p>f.</p> <p>g.</p> <p>h.</p> <p>i.</p> <p>j.</p>
<p>5. Comments (Observations, either favorable or unfavorable, that warrant mentioning, have the potential to operationally impact the GIG, will not prevent acceptance into the GIG. Not Tracked by DISA!)</p> <p>a.</p> <p>b.</p> <p>c.</p> <p>d.</p> <p>e.</p> <p>f.</p> <p>g.</p> <p>h.</p> <p>i.</p> <p>j.</p>

